

Title (en)  
LIQUID-RING COMPRESSOR

Publication  
**EP 0179311 B1 19881228 (DE)**

Application  
**EP 85112413 A 19851001**

Priority  
DE 3436022 A 19841001

Abstract (en)  
[origin: US4634348A] In a liquid ring compressor, the erosion and cavitation damage occurring under certain operating conditions is avoided by adding air or gas from the outside, at a pressure which approximately corresponds to the compression pressure, into particular pressure slot areas.

IPC 1-7  
**F04C 19/00**; **F04C 29/08**

IPC 8 full level  
**F04C 19/00** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP US)  
**F04C 19/005** (2013.01 - EP US); **F04C 29/122** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0179311 A1 19860430**; **EP 0179311 B1 19881228**; AT E39549 T1 19890115; DE 3436022 A1 19860403; DE 3567066 D1 19890202; HK 2790 A 19900119; SG 37489 G 19900126; US 4634348 A 19870106

DOCDB simple family (application)  
**EP 85112413 A 19851001**; AT 85112413 T 19851001; DE 3436022 A 19841001; DE 3567066 T 19851001; HK 2790 A 19900111; SG 37489 A 19890614; US 78220285 A 19850930